ACU-RITE®

Instruction Manual

5-in-1 Color Weather Station Display

model 06006RM/1036RX

Package Contents

1. Display unit with tabletop stand
2. Power adapter
3. USB cable
4. Instruction Manual

IMPORTANT PRODUCT MUST BE REGISTERED TO RECEIVE WARRANTY SERVICE

PRODUCT REGISTRATION

Register online to receive 1 year warranty protection

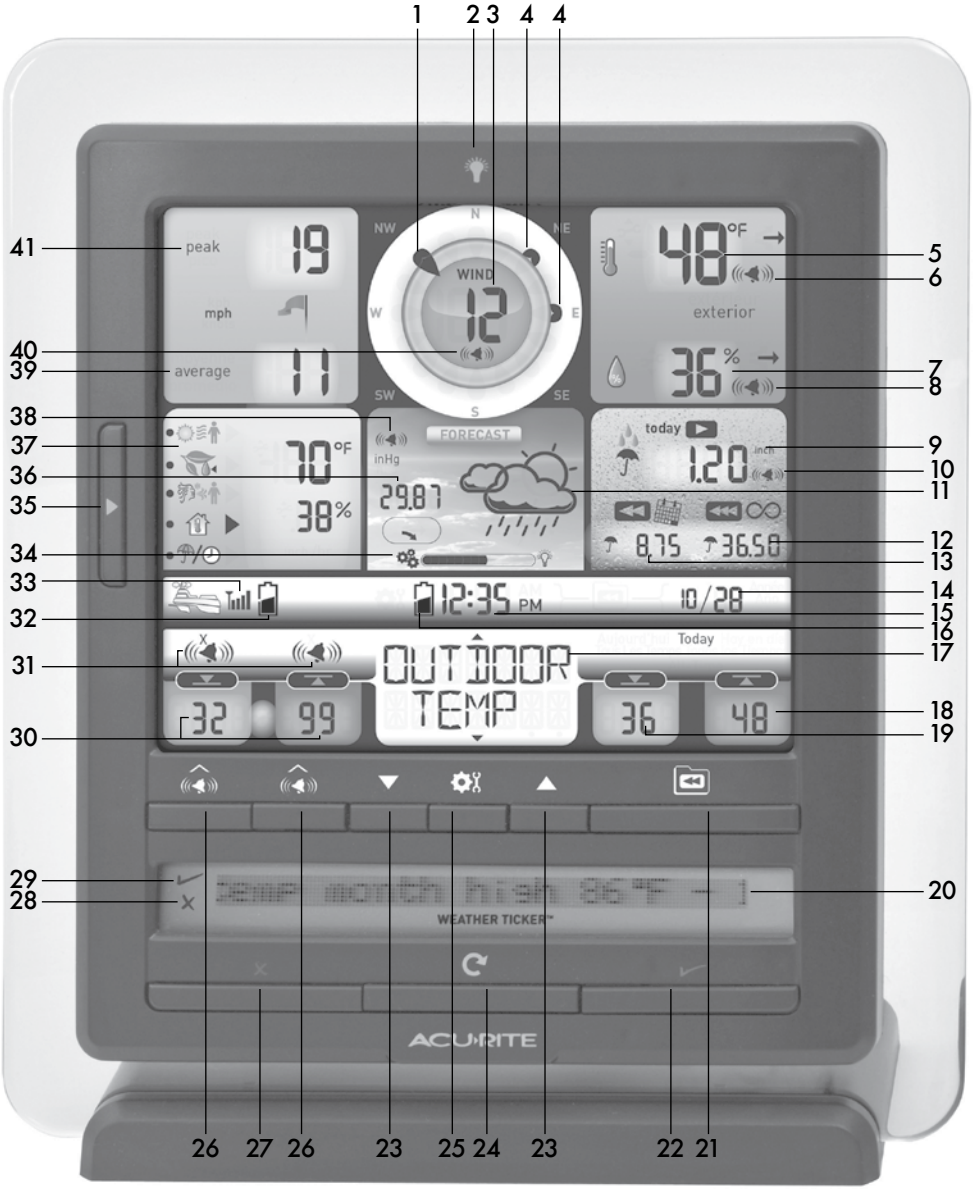
www.**AcuRite**.com

Questions? Contact Customer Support at (877) 221-1252 or visit www.**AcuRite**.com.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

Features & Benefits

Display Unit



1. **Current Wind Direction**
2. **Touch Activated Backlight**
   Momentary during battery power, always on/off for power adapter.
3. **Current Wind Speed**
4. **Previous 2 Wind Directions**
5. **Current Outdoor Temperature**
   Arrow icon indicates direction temperature is trending.
6. **Outdoor Temperature Alarm On Indicator**
7. **Current Outdoor Humidity**
   Arrow icon indicates direction humidity is trending.
8. **Outdoor Humidity Alarm On Indicator**
9. **Current Rainfall**
   Accumulates data during rainfall.
10. **Rainfall Alarm On Indicator**
11. **12 to 24 Hour Weather Forecast**
    Self-Calibrating Forecasting pulls data from your 5-in-1 sensor to generate your personal forecast.
12. **All-Time Total Rainfall**
13. **Current Month Total Rainfall**
14. **Date**
15. **Clock**
16. **Display Low Battery Indicator**
17. **Selectable Category**
18. **Record High**
    Shown for current category selected on the display (#17).
19. **Record Low**
    Shown for current category selected on the display (#17).
20. **Weather Ticker™**
21. **All-Time Records Button**
    Press for all-time low and date recorded for current category selected on display (#17). Press twice for all-time high and date recorded.
22. **Activate Weather Ticker Message**
23. **"▲"/"▼" to Select Category** (#17) **& Adjust Settings**
24. **Weather Ticker Manual Cycle**
    Press to advance through messages.
25. **"⚙" Button**
    for setup preferences.
26. **Alarm On/Off Button**
    Activate alarm; press and hold to adjust alarm values.
27. **Deactivate Weather Ticker Message**
28. **Indicates Deactivated Weather Ticker Message**
    During ticker customization mode.
29. **Indicates Active Weather Ticker Message**
    During ticker customization mode.
30. **Programmable Alarm Settings**
31. **Alarm On/Off Indicator**
    for Selectable Category (#17).
32. **Sensor Low Battery Indicator**
33. **5-in-1 Sensor Signal Strength**
34. **Learning Mode Icon**
    Disappears after weather forecast self-calibration is complete.
35. **Weather Select Button**
    Press to change the Weather Select category data being displayed.
36. **Current Barometric Pressure**
    Arrow icon indicates direction pressure is trending.
37. **Weather Select** (top to bottom)
    Heat index, dew point, wind chill, indoor temperature / humidity, rainfall rate (in/mm per hour).
38. **Storm Alert Alarm On Indicator**
39. **Average Wind Speed**
    of all speeds from past 2 minutes.
40. **Wind Speed Alarm On Indicator**
41. **Peak Wind Speed**
    Highest speed from past 60 minutes.

Set the Time & Date

The clock and calendar are utilized to timestamp history records and other data, so it is important to set the time and date soon after you power on the display unit.

Note: The "?" stays in Selectable Categories, even after setup.

Set the Time

1. Press the "▲" or "▼" buttons until "SET CLOCK?" is displayed on the Selectable Category part of the display unit.
2. Press the "⚙" button to set the clock.
3. Press the "▲" or "▼" buttons to adjust the hour. Note the "AM" and "PM" indicators.
4. Press the "⚙" button to confirm hour selection.
5. Press the "▲" or "▼" buttons to adjust minutes.
6. Press the "⚙" button to confirm minute selection.

The clock is now set.

Set the Date

1. Press the "▲" or "▼" buttons until "SET DATE?" is displayed on the Selectable Category part of the display unit.
2. Press the "⚙" button to set the date.
3. Press the "▲" or "▼" buttons to adjust the month.
4. Press the "⚙" button to confirm month selection.
5. Press the "▲" or "▼" buttons to adjust the day.
6. Press the "⚙" button to confirm day selection.
7. Press the "▲" or "▼" buttons to adjust the year.
8. Press the "⚙" button to confirm year selection.

The date is now set.

Select Measurement Units

To select between standard units (mph, °F, etc.) or metric units (kph, °C, etc.):

1. Press the "▲" or "▼" buttons until "SET UNITS?" is displayed on the Selectable Category part of the display unit.
2. Press the "⚙" button to set the unit preference.
3. Press the "▲" or "▼" buttons to select "STAND" for standard or "METRIC" for metric units.
4. Press the "⚙" button to confirm your selection.
5. Next, you will see "WIND MPH". Press the "▲" or "▼" buttons to select MPH, KPH, or KNOTS for wind speed units.
6. Press the "⚙" button to confirm your selection.

Units are now set.

PC Connect Overview

PC Connect lets you access your Weather Center data in the following ways:

- **Data File**: Display unit logs (or stores) data so that you can download it to a PC in a data file (CSV, or comma-separated values file).
- **PC Weather Widget**: View data on your PC's screen as a widget.
- **Web Browser or Smartphone**: Monitor sensor data remotely using AcuRite's free AcuRite online software, or from a mobile device using the free AcuRite app, available from the iOS App Store or Google Play Store.

PC Connect USB Modes

To setup PC Connect, you must first select a USB mode on the display unit.

Note: The PC Connect software MUST be installed on your computer BEFORE connecting the display unit to the computer.

USB Mode 1: Display Logging ON

- Display unit logs (stores) up to 2 weeks of data in memory. When memory nears capacity, display unit's Weather Ticker displays an alert to download memory soon.
- Transfer data to your PC using PC Connect.

	DISPLAY UNIT...		
USB Mode	Shows Data	Stores Data	Streams Online*
1	✔	✔	
2	✔		
3	✔	✔	✔
4	✔		✔

USB Mode 2: Display Logging OFF (DEFAULT)

- Display unit DOES NOT log (save) any data in memory for PC transfer.

USB Mode 3: Display Logging ON/Internet Bridge Mode

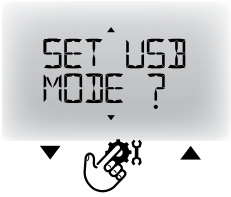
- Display unit logs (stores) up to 2 weeks of data in memory.
- Transfer data to your PC using PC Connect.
- Stream your data from your weather center to online sources.*

USB Mode 4: Display Logging OFF/Internet Bridge Mode

- Display unit DOES NOT log (save) any data in memory.
- Stream your data from your weather center to online sources.*

* PC and internet connection must remain ON to continuously stream data from your weather center to online sources or the AcuRite mobile app.

Set the PC Connect USB Mode



1. Press the "▲" or "▼" buttons until "SET USB MODE?" is displayed on the Selectable Category part of the display unit.
2. Press the "⚙" button to set the mode preference.
3. Press the "▲" or "▼" buttons to select the USB mode.
4. Press the "⚙" button to confirm your selection.

PC Connect USB Mode is now set.

Download the PC Connect Software

The PC Connect software is available online as a free download. An instruction manual for PC Connect is included (PDF file) when you download the software. Read the manual to learn how to setup PC Connect preferences and features.

1 Download PC Connect software to your computer by visiting:

http://www.AcuRite.com/pc-connect-download

Or, you can navigate to the page above using the following path:
www.AcuRite.com > Support > Manuals & Downloads > Downloads > PC Connect

2 Click the "setupacu-link" file you downloaded and follow the on-screen instructions to install the PC Connect software. A folder named "AcuRite" will be installed on your computer.

3 After PC Connect is installed on your computer, open the PC Connect app. Verify that the display unit is powered on with the AC power adapter plugged in, then connect the small end of the USB cable into the USB port located inside the battery compartment on the back of the display unit.

4 Connect the larger end of the USB cable into a USB port on your computer.

5 USB functions on the display unit are OFF by default. Verify the display unit is powered on and receiving data from the outdoor sensor. Next, set the USB mode on the display unit. Set to mode 3 for full PC Connect functionality, or see page 5 for a description of all available USB modes.

6 Select the SAME USB mode in the PC Connect software that you chose on your display unit.

PC Connect is now ready for use. Please note that it may take up to 1 minute for the PC Connect software to begin receiving data from the display unit.

Specifications

TEMPERATURE RANGE	Indoor: 32°F to 122°F; 0°C to 50°C
HUMIDITY RANGE	Indoor: 16% to 98%
WIND SPEED	0 to 99 mph; 0 to 159 kph
WIND DIRECTION INDICATORS	16 points
RAINFALL	0 to 99.99 in; 0 to 99.99cm
WIRELESS RANGE	330ft / 100m depending on home construction materials
OPERATING FREQUENCY	433 MHz
POWER	Display: 4.5V AC adapter
DATA REPORTING	Wind Speed: 18 second updates; Direction: 30 second updates Outdoor temperature & humidity: 36 second updates Indoor temperature & humidity: 60 second updates PC Connect CSV Data Logging: 12 minute updates PC Connect to AcuRite Software/App: 18 second updates
DISPLAY UNIT MEMORY	512 kilobytes (not expandable)
PC CONNECT SYSTEM REQUIREMENTS	Windows® XP / Vista / 7 /8 and available USB port
	High speed internet is required to use some advanced features of PC Connect, such as the AcuRite software and app.

If your AcuRite product does not operate properly,
visit www.AcuRite.com or call (877) 221-1252 for assistance.
For more information, visit our Knowledge Base at http://www.AcuRite.com/kbase

FCC Information

This device complies with part 15 of FCC rules. Operation is subject to the following two conditions:
1- This device may NOT cause harmful interference, and
2- This device must accept any interference received, including interference that may cause undesired operation.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and the receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.
This device complies with Industry Canada licence-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation of the device.

Limited One Year Warranty

At AcuRite, we proudly uphold our commitment to quality technology. Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase.

We recommend that you visit us at www.AcuRite.com for the fastest way to register your product. However, product registration does not eliminate the need to retain your original proof of purchase in order to obtain warranty benefits.

Chaney Instrument Co. warrants that all products it manufactures to be of good material and workmanship, and to be free of defects when properly installed and operated for a period of one year from the date of purchase. Remedy for breach of this warranty is limited to repair or replacement of the defective item(s). Any product which, under normal use and service, is proven to breach the warranty contained herein within ONE YEAR from date of sale will, upon examination by Chaney, and at its sole option, be repaired or replaced by Chaney. Transportation costs and charges for returned goods shall be paid for by the purchaser. Chaney hereby disclaims all responsibility for such transportation costs and charges. This warranty will not be breached, and Chaney will give no credit for products it manufactures which have received normal wear and tear, been damaged (including by acts of nature), tampered, abused, improperly installed, damaged in shipping, or repaired or altered by others than authorized representatives of Chaney.

The above-described warranty is expressly in lieu of all other warranties, express or implied, and all other warranties are hereby expressly disclaimed, including without limitation the implied warranty of merchantability and the implied warranty of fitness for a particular purpose. Chaney expressly disclaims all liability for special, consequential or incidental damages, whether arising in tort or by contract from any breach of this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Chaney further disclaims all liability from personal injury relating to its products to the extent permitted by law. By acceptance of any of Chaney's products, the purchaser assumes all liability for the consequences arising from their use or misuse. No person, firm or corporation is authorized to assume for Chaney any other liability in connection with the sale of its products. Furthermore, no person, firm or corporation is authorized to modify or waive the terms of this paragraph, and the preceding paragraph, unless done in writing and signed by a duly authorized agent of Chaney. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For in-warranty claims:
Chaney Instrument Co. | 965 Wells St. | Lake Geneva, WI 53147

It's More than Accurate, it's ACURITE®

AcuRite offers an extensive assortment of precision instruments, designed to provide you with information you can depend on to Plan your day with confidence™.

www.AcuRite.com

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